

COMMONWEALTH AGRICULTURAL BUREAUX

# Plant breeding abstracts

# COMMONWEALTH BUREAU OF PLANT BREEDING AND GENETICS

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# PLANT BREEDING ABSTRACTS

Volume 50



Prepared by

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# Volume 50

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388	4505	6	For 'Cladisporium' read 'Cladosporium' For 'Agromyzidae' read 'Agromyzidae'
396 397	4603 4623	1 8	For 'Agromyaizidae' read 'Agromyzidae' For 'geocarpa' read 'geocarpum'
398	4634	3	For 'HK' read 'HK\$ 42'
403	4664	6	For 'Doncheondamlog' read 'Dancheondamrog'
421	4891	· 8	For 'phytophaga' read 'destructor'
426	4953	8	For '3%' read '30%'
431	5003 5004	6	For 'phaseoli' read 'phaseolina' For 'zea-maydis' read 'zeae-maydis'
431	3004		1 OI Dea may and I cad Deac may an

Page	Abstract	Line	
443	_ 5140 a	· · · · 8 · · · · ·	For 'including' read 'inducing'
444	5154	13	For 'R' read 'r'
450	5228	1 :	For 'bibliogrpahy' read 'bibliography'
452	5255	8 4 4	For 'treated' read 'tested'
457	5319	11	For 'obtained-a' read 'obtained had a'
494	5795	10	For 'Columbella' read 'Columella'
506-7	5940	. 34	For 'hardy' read 'hardly'
507	5941	26	For 'megasporogenesis' read 'megasporogenesis,'
507	5941	38	For 'culivation' read 'cultivation'
520	6058	6	For 'phytophaga' read 'destructor'
525	6106	17	For 'olarská' read 'Solarská'
530	6169	6	For 'be' read 'Freezing tolerance could be'
536	6236	,	For 'Fo;lowing' read 'Following'
540	6280	7	For 'that M35-1' read 'that of M35-1'
570	6662	8	For 'Monilia' read 'Sclerotinia'
577	6758	13	For 'Haloxylum' read 'Haloxylon'
· 586	6860	10	For 'Diageotropica' read 'diageotropica'
587	6877	3	For 'Ikushugaky' read 'Ikushugaku'
594	6954	12	For 'nigricans' read 'ervoides'
609	7097	2 2	For 'Polyeides the' read 'Polyeides of the'
622	7247	11	For 'Nectria haematococca' read 'Gibberella fujikuroi'
652	7642	× 12 5	For 'sopae' read 'sojae'
672	7847	3	For 'aminoethyl) L-cysteine' read 'aminoethyl)L-cysteine'
674	7875	8	For 'Schizaphis' read 'including Schizaphis'
699	8183	15 %	
832	9734	9	For 'S.' read 'Solanum'

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Pennisetum 1289, 2041, 5091, 6260, 8511 Phalaris 2105 Phaseolus 5833 Picea 2406
Pennisetum 1289, 2041, 5091, 6260, 8511 Phalaris 2105 Phaseolus 5833 Picea 2406 Pinus 5653, 10798
Pennisetum 1289, 2041, 5091, 6260, 8511 Phalaris 2105 Phaseolus 5833 Picea 2406 Pinus 5653, 10798 Pisum 1667, 5905, 8927, 8930, 9808 Pvrus 4289, 6643
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092,
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712,
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642  Vigna, minor species 3424, 9774  Vitis 10758
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642  Vigna, minor species 3424, 9774  Vitis 10758
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642  Vigna, minor species 3424, 9774  Vitis 10758  Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830.
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105 Phaseolus 5833 Picea 2406 Pinus 5653, 10798 Pisum 1667, 5905, 8927, 8930, 9808 Pyrus 4289, 6643 Ricinus 7401, 7402 Secale × Triticum, triticale 1067, 3744 Sesamum 2248, 3185 Solanum, potato 1351, 3061, 3063, 6420, 6450 Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260 Tripsacum × Zea, maize 4940 Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018 review 4764 Ulmus 5642 Vigna, minor species 3424, 9774 Vitis 10758 Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4938,
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105 Phaseolus 5833 Picea 2406 Pinus 5653, 10798 Pisum 1667, 5905, 8927, 8930, 9808 Pyrus 4289, 6643 Ricinus 7401, 7402 Secale × Triticum, triticale 1067, 3744 Sesamum 2248, 3185 Solanum, potato 1351, 3061, 3063, 6420, 6450 Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260 Tripsacum × Zea, maize 4940 Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018 review 4764 Ulmus 5642 Vigna, minor species 3424, 9774 Vitis 10758 Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4938,
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642  Vigna, minor species 3424, 9774  Vitis 10758  Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4934, 4981, 4993, 4995, 4997, 5002, 6043, 6171, 6176, 7131, 7158, 7809.
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642  Vigna, minor species 3424, 9774  Vitis 10758  Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4938, 4944, 4981, 4993, 4995, 4997, 5002, 6043, 6171, 6176, 7131, 7158, 7809, 7811, 8431, 8432, 8444, 8445, 9171  Zea, sweet corm 351
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642  Vigna, minor species 3424, 9774  Vitis 10758  Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4938, 4944, 4981, 4993, 4995, 4997, 5002, 6043, 6171, 6176, 7131, 7158, 7809, 7811, 8431, 8432, 8444, 8445, 9171  Zea, sweet corm 351  Compatibility (see Sterility and fertility)
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105  Phaseolus 5833  Picea 2406  Pinus 5653, 10798  Pisum 1667, 5905, 8927, 8930, 9808  Pyrus 4289, 6643  Ricinus 7401, 7402  Secale × Triticum, triticale 1067, 3744  Sesamum 2248, 3185  Solanum, potato 1351, 3061, 3063, 6420, 6450  Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260  Tripsacum × Zea, maize 4940  Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018  review 4764  Ulmus 5642  Vigna, minor species 3424, 9774  Vitis 10758  Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4934, 4981, 4993, 4995, 4997, 5002, 6043, 6171, 6176, 7131, 7158, 7809, 7811, 8431, 8432, 8444, 8445, 9171  Zea, sweet corn 351  Compatibility (see Sterility and fertility)  Competition 8950  Alopecurus 36
Pennisetum 1289, 2041, 5091, 6260, 8511 Phalaris 2105 Phaseolus 5833 Picea 2406 Pinus 5653, 10798 Pisum 1667, 5905, 8927, 8930, 9808 Pyrus 4289, 6643 Ricinus 7401, 7402 Secale × Triticum, triticale 1067, 3744 Sesamum 2248, 3185 Solanum, potato 1351, 3061, 3063, 6420, 6450 Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260 Tripsacum × Zea, maize 4940 Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 963, 10018 review 4764 Ulmus 5642 Vigna, minor species 3424, 9774 Vitis 10758 Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4934, 4984, 4981, 4993, 4995, 4997, 5002, 6043, 6171, 6176, 7131, 7158, 7809, 7811, 8431, 8432, 8444, 8445, 9171 Zea, sweet corn 351 Compatibility (see Sterility and fertility) Competition 8950 Alopecurus 36 Glycine 11086
Pennisetum 1289, 2041, 5091, 6260, 8511  Phalaris 2105 Phaseolus 5833 Picea 2406 Pinus 5653, 10798 Pisum 1667, 5905, 8927, 8930, 9808 Pyrus 4289, 6643 Ricinus 7401, 7402 Secale × Triticum, triticale 1067, 3744 Sesamum 2248, 3185 Solanum, potato 1351, 3061, 3063, 6420, 6450 Sorghum 389, 1293, 2043, 2044, 2956, 5101, 5102, 7235, 7889, 8513, 9260 Tripsacum × Zea, maize 4940 Triticum 93, 104, 154, 1043, 1092, 1790, 1803, 1833, 2703, 2704, 2712, 3609, 3644, 3647, 3681, 3713, 4765, 4772, 4844, 4856, 6093, 6094, 7030, 7031, 7032, 7033, 7037, 7038, 7067, 7709, 7736, 9045, 9046, 9047, 9071, 9095, 9099, 9963, 10018 review 4764 Ulmus 5642 Vigna, minor species 3424, 9774 Vitis 10758 Zea, maize 191, 194, 199, 218, 236, 309, 323, 329, 339, 345, 1185, 1236, 1892, 1903, 1904, 1952, 1977, 2808, 2830, 2846, 3776, 3779, 3803, 4933, 4934, 4981, 4993, 4995, 4997, 5002, 6043, 6171, 6176, 7131, 7158, 7809, 7811, 8431, 8432, 8444, 8445, 9171 Zea, sweet corn 351 Compatibility (see Sterility and fertility) Competition 8950 Alopecurus 36 Glycine 11086 Hordeum 78, 6248 Lotus 8604
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Manihot breeding 10530 mosaic 6530 Xanthomonas 6530 Medicago, Ascochyta 8013	protein 8430 fungi 333 insects 332 pollen 276 <b>Rhabdocline, Pseudotsuga</b> 8845	Norway 8497 Oryza 3956, 3957, 9303 Rhyzopertha Sorghum 403 Triticum 3736
Manihot breeding 10530 mosaic 6530 Xanthomonas 6530 Medicago, Ascochyta 8013 mutation 2603	protein 8430 fungi 333 insects 332 pollen 276 Rhabdocline, Pseudotsuga 8845 Rhagoletis, Malus 5505	Norway 8497 Oryza 3956, 3957, 9303 Rhyzopertha Sorghum 403 Triticum 3736 Ribes
Manihot breeding 10530 mosaic 6530 Xanthomonas 6530 Medicago, Ascochyta 8013 mutation 2603 mutation, induced 2604	protein 8430 fungi 333 insects 332 pollen 276 Rhabdocline, Pseudotsuga 8845 Rhagoletis, Malus 5505 Rheum	Norway 8497 Oryza 3956, 3957, 9303 Rhyzopertha Sorghum 403 Triticum 3736 Ribes chromosomes, number 9888
Manihot breeding 10530 mosaic 6530 Xanthomonas 6530 Medicago, Ascochyta 8013 mutation 2603 mutation, induced 2604 Oryza	protein 8430 fungi 333 insects 332 pollen 276 Rhabdocline, Pseudotsuga 8845 Rhagoletis, Malus 5505 Rheum plant collections 9665	Norway 8497 Oryza 3956, 3957, 9303 Rhyzopertha Sorghum 403 Triticum 3736 Ribes chromosomes, number 9888 cold resistance 8156
Manihot breeding 10530 mosaic 6530 Xanthomonas 6530 Medicago, Ascochyta 8013 mutation 2603 mutation, induced 2604 Oryza chemicals, as plant constituents,	protein 8430 fungi 333 insects 332 pollen 276 Rhabdocline, Pseudotsuga 8845 Rhagoletis, Malus 5505 Rheum plant collections 9665 pollen 4649	Norway 8497 Oryza 3956, 3957, 9303 Rhyzopertha Sorghum 403 Triticum 3736 Ribes chromosomes, number 9888 cold resistance 8156 development, abnormal 3255
Manihot breeding 10530 mosaic 6530 Xanthomonas 6530 Medicago, Ascochyta 8013 mutation 2603 mutation, induced 2604 Oryza chemicals, as plant constituents, enzymes 1035	protein 8430 fungi 333 insects 332 pollen 276 Rhabdocline, Pseudotsuga 8845 Rhagoletis, Malus 5505 Rheum plant collections 9665 pollen 4649 pollination 4649	Norway 8497 Oryza 3956, 3957, 9303 Rhyzopertha Sorghum 403 Triticum 3736 Ribes chromosomes, number 9888 cold resistance 8156 development, abnormal 3255 embryo sac 3255
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